

Amendments to the Claims:

1. (Currently Amended) A method for facilitating full text searching of a set of data, the method comprising:

obtaining keyword data corresponding to a set of data;

generating an inverted keyword index and a separate inverted keyword attribute index corresponding to the keyword data, the inverted keyword attribute index including information from at least one category within a group consisting of language information, sentence information, ranking information, document timestamp information, and metadata information;

storing the inverted keyword index and the inverted keyword attribute index in a shared process memory, wherein storing the inverted keyword index includes causing an indexing component of a computer to dynamically adjust at least one memory pointer of the inverted keyword index to correspond to an address of a query processing component;

obtaining a keyword query from a first process; and

processing causing a query processing component of the computer to process the keyword query using by accessing the inverted keyword index and the inverted keyword attribute index stored in the shared process memory via the at least one dynamically adjusted memory pointer of the inverted keyword index.

2. (Original) The method as recited in Claim 1, wherein the set of data corresponds to a set of documents.

3. (Original) The method as recited in Claim 1, wherein the set of data corresponds to a set of rows in a database.

4. (Cancelled).

5. (Previously presented) The method as recited in Claim 1, wherein the inverted keyword attribute index corresponds to keyword occurrence information in the set of data.

6. (Cancelled).

7. (Previously presented) The method as recited in Claim 1, wherein the inverted keyword index and the inverted keyword attribute index correspond to red and black index trees.

8. (Cancelled).

9. (Original) A computer-readable medium having computer-executable instructions for performing the method recited in Claim 1.

10. (Original) A computer system including a processor, a memory, and an operating environment, the computer system operable to perform the method recited in Claim 1.

11.-22. (Cancelled)

23. (Currently amended) A system for facilitating full text searching, the system comprising:

a computer processor;

one or more processes executable by the processor for issuing keyword queries;

an index generation component for obtaining a set of data and generating an inverted keyword index and a separate inverted keyword attribute index, the inverted keyword attribute index including information from at least one category within a group consisting of language information, sentence information, ranking information, document timestamp information, and metadata information;

a shared memory buffer for storing the inverted keyword index and the inverted keyword attribute index of a set of data, wherein storing the inverted keyword index includes causing an index generation component to dynamically adjust at least one memory pointer of the inverted keyword index to correspond to an address of a query processing component; and

a query processing component for processing keyword queries issued by the one or more processes using by accessing the inverted keyword index and the inverted keyword attribute index stored in the shared memory buffer via the at least one dynamically adjusted memory pointer of the inverted keyword index.

24. (Original) The system as recited in Claim 23, wherein the inverted keyword index corresponds to a set of documents.

25. (Currently amended) The ~~method~~ system as recited in Claim 23, wherein the set of data corresponds to a set of rows in a database.

26. (Previously presented) The system as recited in Claim 23, wherein the shared memory buffer includes the inverted keyword attribute index corresponding to each node in the inverted keyword index.

27. (Original) The system as recited in Claim 26, wherein the inverted keyword attribute index corresponds to keyword occurrence information in the set of data.

28. (Cancelled).

29. (Original) The system as recited in Claim 26, wherein the inverted keyword index and the inverted keyword attribute index are red and black index trees.

30. (Cancelled).

31. (Original) The system as recited in Claim 23 further comprising:
a disk subsystem for storing at least a portion of the inverted keyword index of a set of data; and

a merge process for merging the inverted keyword index in the shared memory with the portion of the inverted keyword index in the disk subsystem